

General

Title

Perioperative care: percentage of patients, regardless of age, who undergo a procedure under anesthesia and are admitted to an ICU directly from the anesthetizing location, who have a documented use of a checklist or protocol for the transfer of care from the responsible anesthesia practitioner to the responsible ICU team or team member.

Source(s)

American Society of Anesthesiologists (ASA). Post-anesthetic transfer of care: use of checklist or protocol for direct transfer of care from procedure room to intensive care unit (ICU). Schaumburg (IL): American Society of Anesthesiologists (ASA); 2015 Oct 1. 2 p.

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of patients, regardless of age, who undergo a procedure under anesthesia and are admitted to an intensive care unit (ICU) directly from the anesthetizing location, who have a documented use of a checklist or protocol for the transfer of care from the responsible anesthesia practitioner to the responsible ICU team or team member.

Rationale

The Agency for Healthcare Research and Quality (2015) found that "current signout mechanisms are generally ad-hoc, varying from hospital to hospital and unit to unit". According to data published by the Joint Commission, communication errors were indicated in 59% of reported sentinel events in 2012 and in 54% of operative/postoperative complications between 2004 and 2012. A 2006 survey among residents at

Massachusetts General Hospital found that 59% of respondents reported one or more patients experiencing harm as a result of ineffective patient handoff practices during their most recent clinical rotation (Kitch et al., 2008). Therefore, a standardized transfer of care protocol or handoff tool/checklist that is utilized for all patients directly admitted to the intensive care unit (ICU) after undergoing a procedure under the care of an anesthesia practitioner will facilitate effective communications between the medical practitioner who provided anesthesia during the procedure and the care practitioner in the ICU who is responsible for post-procedural care. This should minimize errors and oversights in medical care of ICU patients after procedures.

Clinical Recommendation Statements:

The National Quality Forum, in its *Preferred Practices and Performance Measures for Measuring and Reporting Care Coordination* report (2010), recommends:

Preferred Practice 23: Healthcare providers and healthcare organizations should implement protocols and policies for a standardized approach to all transitions of care. Policies and procedures related to transitions and the critical aspects should be included in the standardized approach.

Evidence for Rationale

Agency for Healthcare Research and Quality (AHRQ). Patient safety primer: handoffs and signouts. [internet]. Rockville (MD): Agency for Healthcare Research and Quality (AHRQ); [accessed 2015 Jul 30].

American Society of Anesthesiologists (ASA). Post-anesthetic transfer of care: use of checklist or protocol for direct transfer of care from procedure room to intensive care unit (ICU). Schaumburg (IL): American Society of Anesthesiologists (ASA); 2015 Oct 1. 2 p.

Kitch BT, Cooper JB, Zapol WM, Marder JE, Karson A, Hutter M, Campbell EG. Handoffs causing patient harm: a survey of medical and surgical house staff. *Jt Comm J Qual Patient Saf.* 2008 Oct;34(10):563-70. [PubMed](#)

National Quality Forum (NQF). Preferred practices and performance measures for measuring and reporting care coordination: a consensus report. Washington (DC): National Quality Forum (NQF); 2010.

Primary Health Components

Perioperative care; anesthesia; transfer of care; protocol or checklist

Denominator Description

All patients, regardless of age, who undergo any procedure including surgical, therapeutic or diagnostic procedure under anesthesia and are admitted to an intensive care unit (ICU) directly from the anesthetizing location

Numerator Description

Patients who have a documented use of a checklist or protocol for the transfer of care from the responsible anesthesia practitioner to the responsible intensive care unit (ICU) team or team member (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Hospital Inpatient

Intensive Care Units

Transition

Type of Care Coordination

Coordination within a provider team/site

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Individual Clinicians or Public Health Professionals

Statement of Acceptable Minimum Sample Size

Does not apply to this measure

Target Population Age

All ages

Target Population Gender

Either male or female

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Effective Communication and Care Coordination
Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Getting Better

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

Unspecified

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Diagnostic Evaluation

Institutionalization

Therapeutic Intervention

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

All patients, regardless of age, who undergo any procedure including surgical, therapeutic or diagnostic procedure under anesthesia and are admitted to an intensive care unit (ICU) directly from the anesthetizing location

Exclusions

Unspecified

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Patients who have a documented use of a checklist or protocol for the transfer of care from the responsible anesthesia practitioner to the responsible intensive care unit (ICU) team or team member

Note:

The key handoff elements that must be included in the transfer of care protocol or checklist include:

Identification of patient, key family member(s) or patient surrogate

Identification of responsible practitioner (primary service)

Discussion of pertinent medical history

Discussion of the surgical/procedure course (procedure, reason for surgery, procedure performed)

Intraoperative anesthetic management and issue/concerns to include things such as airway, hemodynamic, narcotic, sedation level and paralytic management and intravenous fluids/blood products and urine output during the procedure

Expectations/Plans for the early post-procedure period to include things such as the anticipated course (anticipatory guidance), complications, need for laboratory or electrocardiogram (ECG) and medication administration

Opportunity for questions and acknowledgement of understanding of report from the receiving ICU team

Identification of Patient: In the instance the identity of the patient is unable to be confirmed, identification provided by the clinical facility would suffice toward meeting performance of the measure.

Exclusions

Unspecified

Numerator Search Strategy

Institutionalization

Data Source

Administrative clinical data

Registry data

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Identifying Information

Original Title

Post-anesthetic transfer of care: use of checklist or protocol for direct transfer of care from procedure room to intensive care unit (ICU).

Measure Collection Name

Perioperative Care

Submitter

American Society of Anesthesiologists - Medical Specialty Society

Developer

American Society of Anesthesiologists - Medical Specialty Society

Physician Consortium for Performance Improvement® - Clinical Specialty Collaboration

Funding Source(s)

Unspecified

Composition of the Group that Developed the Measure

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Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Measure Initiative(s)

Physician Quality Reporting System

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2015 Oct

Measure Maintenance

Annually

Date of Next Anticipated Revision

2016 Nov

Measure Status

This is the current release of the measure.

Measure Availability

Source available from the [American Society of Anesthesiologists \(ASA\) Web site](#) .

For more information, contact ASA at 1061 American Lane Schaumburg, IL 60173-4973; Phone: 847-825-5586; Fax: 847-825-1692; E-mail: info@asahq.org; Web site: asahq.org .

NQMC Status

This NQMC summary was completed by ECRI Institute on March 23, 2016. The information was verified by the measure developer on April 26, 2016.

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Production

Source(s)

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